NATIONAL LIBRARY OF MEDICINE
NEWS

Vol. XXVIII, No. 1-2 Bethesda, Maryland 20014 January-February 1973

New Associate Director for Extramural Programs

Dr. Ernest M. Allen has been named Associate Director for Extramural Programs at the National Library of Medicine. His appointment, announced by Martin M. Cummings, M.D., NLM Director, will become effective March 1.

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Dr. Allen, who, in his new post, succeeds Dr. Leroy L. Langley, served since January 1970 as Deputy Assistant Secretary for Grant Administration Policy in the Office of the Assistant Secretary, Comptroller, DHEW. In that position he was responsible for developing and coordinating grants policy within the Department and for maintaining and strengthening relationships between HEW and its grantees. He was also responsible for initiating actions to consolidate and simplify HEW grants programs.

Dr. Allen brings to the Library three decades of service with HEW in grants administration policy affairs and public health administration. Beginning his career with the Public Health Service in 1943, he served that agency as Director of the Office of Extramural Programs (1966-69) and Associate Director of the National Institutes of Health (1960-63).

As Assistant Chief and then Chief of the NIH Division of Research Grants (1946-60), he was responsible for inaugurating the Nation's biomedical research grant program and for charting its long-range development and growth. For this contribution to public health administration, Dr. Allen accepted the 1953 Lasker Award of the American Public Health Association on behalf of the Division.

Born in Terrell, Texas, Dr. Allen graduated from Emory University magna cum laude in 1926, and received his Master's degree from Emory in 1937. In 1956, Emory awarded him an honorary Doctor of Science degree in recognition of his "distinguished service to medical research." He received an honorary LL.D. from Clemson University in 1968, and an HEW Distinguished Service Award in 1971. Other honors include the Yorktown Medal of the French Government and membership in Phi Beta Kappa, Phi Sigma Iota, Phi Theta Kappa, and Alpha Epsilon Upsilon.

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
NEWS

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The Lister Hill Center and Telecommunications Networks

For the past five years, the Library's Lister Hill National Center for Biomedical Communications has sponsored a telecommunications program directed at the improved transfer of biomedical information, knowledge, and skills. One goal of this program is to test the feasibility of two telecommunications networks: a prototype audio (voice) network using a synchronous communications satellite, and a digital network for dispersed users of time-shared computer systems.

(Continued on Page 3)

National Serials Data Program

The National Serials Data Program (NSDP) was officially designated in 1972 as the National Center for the United States in the developing International Serials Data System (ISDS). This U.S. domestic Program is jointly sponsored by the three national libraries--the Library of Congress, the National Agricultural Library (NAL), and the National Library of Medicine--and is under the direction of Mr. Paul Vassallo (Library of Congress).

The Program's first actions involved building a broadly based initial serial file of current and retrospective titles, for use by both the U.S. and international centers. On behalf of the International Center, NDSP arranged with the R. R. Bowker Company that a block of International Standard Serial Numbers (ISSN's) would be made available to them for assignment to the serials included in *Ulrich's International Periodicals Directory* and *Irregular Serials & Annuals;* the ISSN's appear with their appropriate titles in the Index to those publications. A second block of numbers will be made available to Bowker for assignment to the 20-year cumulation of *New Serial Titles* which Bowker is now preparing. In exchange, Bowker is to supply copies of the machine-readable data bases used for their publications to the U. S. Center for its use and for forwarding to the International Center.

In addition to these two large files which are to be made available to the Program, the initial file has also been enriched by the machine-readable files of titles currently received by NLM and NAL. Negotiations are presently being carried out between NLM and NSDP to get the entire *Union Catalog of Medical Periodicals* data base into the file as well. All these files must be converted to the machine format used by NSDP and must ultimately be reviewed by the NSDP staff for editorial consistency.

This review of retrospective titles will, however, take a back seat to the handling of new serial titles on an on-going basis. The U.S. Center has been authorized to

(Continued on Page 3)

(Serials Data Program, from Page 2)

assign International Standard Serial Numbers to new serial titles beginning after January 1971. The intent is to begin with the input of the three national libraries and then gradually expand to include other large research collections throughout the country. To this end, in mid-January NLM began sending all new serial titles cataloged by the Library to the NSDP for ISSN assignment. NAL also began supplying its new titles in January, and the Library of Congress will begin to do so in the near future.

The ISSN's for United States titles can be assigned directly by the NSDP; foreign titles must be sent to the International Center in Paris for ISSN assignment. The turnaround time to receive ISSN's for U.S. titles is two to three days, in time for publication in the *Current Catalog Proof Sheets*. For foreign titles turnaround time from the International Center is ten days to two weeks--generally in time for publication in the monthly *Current Catalog*.

Once the U.S. National Center began operation last year, the need became apparent for a more effective single record for each serial title as a backup resource for resolving differences arising from conflicting title data. The surrogate agreed upon was a photoreproduction of the key portions of serial issues which contain the bibliographic description of the title, e.g., cover, masthead, or title page. For permanent retention, aperture cards containing microfilm reproductions of a maximum of two key pages will be used. The Key Title and the ISSN will be keypunched into the card for retrieval purposes.

During the fall of 1972, NLM undertook to microfilm the required data so that aperture cards could be prepared for all serials currently received by NLM. The microfilm is presently being mounted in aperture cards. After identification of available ISSN's for these titles, the aperture cards will be delivered to the NSDP for assignment of ISSN's to those NLM titles for which approved numbers do not already exist.

(Telecommunications Networks, from Page 2)

Audio Network

At present, there are approximately 30 users located in six states. Access by U.S. users to the network is accomplished through low-cost communications satellite terminals whose small antennae are pointed at NASA's Application Technology Satellite (ATS-1), located 22,300 miles above the Pacific Ocean at the equator (*News*, August 1972, etc.). High-frequency radio and conventional telephone are interfaced with the satellite network to provide additional geographic coverage. Experimentation to date has been primarily directed at providing medical consultation to village health aides in sparsely populated areas of the country such as the many Alaskan villages which lack reliable line communications and the services of a doctor or a nurse. Other experiments provide computer service, ECG transmission, facsimile transmission, roentgenogram transmission, and multipoint medical education. An exciting experiment involves a weekly exchange of research results between scientists at the National Institute of Allergy and Infectious Diseases and their counterparts in the Hawaii Field Research Unit. This prototype audio communications network may evolve into an operational medical telecommunications network, since cost-effective

(Continued on Page 4)

(Telecommunications Networks, from Page 3)

applications are now being identified and appropriate low-cost technology is being developed.

Digital Network

At present there are approximately 150 organizational users of this network located in 44 states and three foreign countries. The network provides reliable access to a variety of biomedical computer programs stored on time-shared computers located in five different states. By dialing a local telephone number (for 46 cities) a user of this network can access any one of the five computers with a variety of remote terminal devices. Routing, code conversion, data rate conversion, and error detection and correction are accomplished by the software of the network data concentrators (mini-computer multiplexors), thus providing a high degree of flexibility and reliability.

Two of the computers have bibliographic information retrieval programs which provide to the nation's medical libraries up-to-date references to the world's current significant medical literature. The other three computers have a variety of medical Computer-Assisted Instruction (CAI) and patient-simulation programs which allow medical students and practicing physicians throughout the country to take advantage of curriculum-related software developed at geographically distant institutions.

Other Network Activities

In addition to the audio and digital networks described above, the Lister Hill Center is actively pursuing the development of two-way video networks to support better health care delivery and education. A prototype interactive, switched microwave network linking hospitals and medical schools in Vermont and New Hampshire began operations in November 1972. Also planned is a two-way video medical consultation and education network via the synchronous satellite ATS-F (to be launched in April 1974).

New Director Named for TIRC

Robert Beauchamp has been appointed Director of the Toxicology Information Response Center (TIRC), operated by NLM's Toxicology Information Program at the Oak Ridge National Laboratory (ORNL), Oak Ridge, Tennessee (*News*, April 1971). Mr. Beauchamp was formerly Manager of the Literature Analysis Section at A. H. Robins Co., a pharmaceutical firm.

As Director of TIRC, Mr. Beauchamp will oversee the performance of tasks assigned ORNL through an interagency agreement between NLM and the Atomic Energy Commission: the collection, organization, computerization, and dissemination of information about the toxicology, pharmacology, and chemistry of hazardous and potentially hazardous chemicals and drugs.

Assistance offered by TIRC to the biomedical community is in two categories: 1) responses to information or search requests, and 2) production of toxicology-related publications. These provide both specific and broadly based information

(Continued on Page 5)

(Toxicology Center, from Page 4)

about the toxicity or adverse effects of chemicals or drugs on living organisms, with special emphasis on human and animal organisms.

The output of a TIRC search is usually a bibliography of literature citations, compiled, as a rule, from computer searches of on-line data bases such as TOXICON and MEDLINE and supplementary manual searches of such standard secondary sources as *Chemical Abstracts* and *Index Medicus*, as well as of handbooks and special card files of chemical and drug information.

During the period of test operation in 1972, TIRC, in cooperation with Toxicology Information Program (TIP) staff, performed searches without charge to the user. On February 1, 1973, a fee of $50 per logical search was instituted to recover part of the cost of TIRC's services. All charges are billed and collected for TIRC by the National Technical Information Service (NTIS), U. S. Department of Commerce, Springfield, Virginia 22151. Organizations or individuals may open NTIS deposit accounts to pay for these services. TIRC will not initiate a search without the requester's written consent. For further information, write to: Director, Toxicology Information Response Center, P. O. Box Y, Oak Ridge, Tennessee 37830.

The Toxicology Information Program, through TIRC, sponsors several types of scientific publications, certain of which are published and distributed through NTIS; others appear as articles in appropriate professional journals. State-of-the-art reviews of selected topics of current interest, with special emphasis on environmental toxicology are prepared by recognized subject experts. One journal carrying such review articles is *Environmental Health Perspectives*, a trial publication of the National Institute of Environmental Health Sciences. Dr. John Autian has already completed a review of "Toxicity and Health Threats of Phthalate Esters: Review of the Literature"; others are in various stages of preparation.

Qualified professionals may submit proposals for writing such reviews to either TIP or TIRC. The proposals are evaluated and ranked in order of importance by the Toxicology Study Section of NIH. Readers or potential authors with suggestions for review subjects are invited to write to the Associate Director for Specialized Information Services, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

A second type of publication is the bibliography, or literature search, on a significant and timely topic, each including an abstract, list of sources searched, time coverage notation, and key words or phrases. Over 70 such bibliographies have been made available to NTIS for general sale distribution (see supplemental list, P. 9).

Finally, larger, more comprehensive and significant bibliographies are annotated with brief abstracts or enriched with further indexing before NTIS publication. The first such publication is a continuing annotated bibliography on "The Metabolism of Foreign Compounds," prepared by Dr. Anthony J. Verbiscar. This compilation appears irregularly, with over 230 citations and abstracts per issue. It may be purchased from NTIS for $5.00 per issue, or $25.00 for six issues.

User Charges

The National Library of Medicine has generally made its resources and services freely available to users. However, in accord with general library traditions and practices, and in order to maintain a reasonable and equitable access to its resources, NLM has instituted user charges for a number of its services and products.

In accord with Federal policy, the National Library of Medicine will introduce a modest user charge for its on-line services by April 1. In order to allow adequate lead time to the user community for necessary budget modifications, the charge system will not become fully operational until July 1. The charge has been established at $6.00 per each hour of connect time plus 10¢ per page of citations printed off line. Collected fees will be used, in part, to pay line charges for users remote from network nodes so that services will cost the same no matter where a using institution is located.

Such policy is consistent with NLM's goals to encourage local self-sufficiency within the Biomedical Communication Network. Discussions with RML directors and other medical librarians indicate general agreement that charging modest fees for on-line services may add support to their own institutional efforts to establish such charges, and will permit NLM to concentrate its resources on the basic establishment and maintenance of such services.

The Board of Regents has considered the subject of charges for services several times in recent years. The Board's position has been incorporated in the NLM policy on user charges published in the Federal Register on February 22, 1971.

New Literature Searches

Single copies of the bibliographies listed below are available (without charge) from the Literature Search Program, Reference Section, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014. *The name and address of the requestor, typed on a gummed label, must accompany all requests (no return postage necessary). Order by Literature Search number in addition to title.*

L. S. No.	Title
72-32	Health services for adolescents January 1969-January 1973. 274 English-language citations
72-34	Sport medicine (Updates L.S. No. 70-41) August 1970-October 1972. 312 English-language citations
72-35	Adverse effects of LSD (Supplement to L. S. 24-68) January 1969-October 1972. 154 English-language citations
72-36	Family planning programs January 1970-November 1972. 487 citations
72-37	Allergy to arthropod stings January 1969-November 1972. 73 citations
73-1	Prostaglandins in abortion and reproductive physiology January 1969-December 1972. 226 citations

MLA/NLM Committee Develops Guidelines for Exchange Program

In her presidential address in San Diego last June, Mrs. Bernice Hetzner, past-president of the Medical Library Association, proposed that medical libraries establish an exchange program with NLM, to provide an opportunity for developing more meaningful working arrangements between NLM and the medical library community.

During the past several months, the MLA/NLM Liaison Committee has considered this proposal and has developed a series of guidelines for implementing it. These have been described in the February *MLA News*. The basic guidelines proposed by the Committee state that:

1. Institutions will be expected to support travel and living expenses and salary of their personnel in the exchange.
2. Quid pro quo equality of time should not be required.
3. Quid pro quo equality in personnel should not be required.
4. Individual institutions should work out the length of assignment.
5. Number of exchanges would be up to the individual institutions.

It has been NLM's experience over the past years, in its three-week MEDLINE training sessions, that a sustained valuable rapport has been established between the MEDLINE analysts and their counterparts at NLM. In addition, this interaction has enabled many of the librarians to establish continuing contacts with their NLM counterparts in other library activities. More important, these contacts have provided NLM staff with an invaluable opportunity to gain valuable insight into the real needs of the operating library community at the local level.

NLM heartily endorses this program and looks forward to its fruitful development. Interested individuals should communicate with Ms. Erika Love, Deputy Associate Director for Library Operations, to explore possible arrangements.

NLM Staff Member Dies

Mrs. Gertrude Weinberger Fox, a technical information specialist for the National Library of Medicine, died in Boston on February 10 after heart surgery.

Her career began in her native Boston with laboratory and teaching experience based on undergraduate work in chemistry at Boston University. She joined the NIH Library Reference Section in 1960, where she worked with the bioengineering staff during the period of rapid growth of NIH building facilities, sanitary engineering research, and instrumentation development. Mrs. Fox came to the NLM Search Section in 1965, early in MEDLARS development; here she continued her record of scholarship and meticulous service to scientists, NLM staff, and MEDLARS trainees as searcher and teacher.

She will be sorely missed as a dedicated and loyal coworker and friend.

NLM Annual Report Available

Single copies of NLM's latest report, *The National Library of Medicine: Programs and Services, Fiscal Year 1972*, are available on request from: Office of Public Information ATTN: Publications (Report), National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20014. Please include a self-addressed, gummed label (no postage necessary) with your request.

Publications Supplement: Adds and Drops

The following publications are now available from the Superintendent of Documents, and may be ordered following the guidelines outlined in the Publications Supplement to the December 1972 NLM News. We suggest that you update that issue (pages 4 and 5) accordingly.

Title	Price	Catalog Number
Cumulated Abridged Index Medicus, 1972	$12.20 ($15.25 for.)	HE 20.3612/2-2:3
Current Bibliography of Epidemiology, 1972 (Annual Cumulation)	$14.30 ($17.90 for.)	HE 20.3617/2:4
Index of NLM Serial Titles (see description, this page)	$13.55 ($16.95 for.)	S/N 19752-00142
List of Journals Indexed in Index Medicus, 1973	$ 2.00 ($ 2.50 for.)	HE 20.3612/4:973

Send all orders for the above publications, with payment, to: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Each order should contain a request for only one publication title, although several orders may be sent at the same time with payment in one sum.)

Deleted: The 1971 edition of *Cumulated Index Medicus* (Vol. 12) is no longer available from the Superintendent of Documents. For information on a planned reprint edition, write the Johnson Reprint Corporation, 111 Fifth Ave., New York, New York 10003.

Superseded: *Permuted MeSH*, 1973, is now available from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151. Orders should include remittance of $9.00 ($0.95 microfiche); non-U.S. purchasers must include an additional $2.50 ($1.50 for microfiche orders). The Accession Number which should be cited on your order is "PB-214-334 (Supersedes PB-207-707)." This information updates that on page 6 of the Publications Supplement.

Note: If you receive a duplicate copy of one of our casebound publications (e.g., *Cumulated Index Medicus*, *NLM Current Catalog Annual Cumulation*, or *Cumulated Abridged Index Medicus*), please write NLM's Information Office for prepaid mailing labels to return it to NLM or to send it to other libraries in need.

New Index Available

The National Library of Medicine has just published a new tool which should improve the speed of filling interlibrary loan requests -- the *Index of NLM Serial Titles*, containing entries for approximately 19,000 titles received currently by NLM as of June 1972. It is a keyword-out-of-context (KWOC) index which provides multiple access points based on the significant words occurring in the titles. The index word is printed separately in the left-hand margin in boldface type, with the full journal title, in its normal word-order, printed to the right, followed by the NLM call number.

The *Index* serves as an aid in bibliographic identification and may be especially useful as an interlibrary loan tool. With the NLM call numbers now readily available, Regional Medical Libraries and their participating libraries should begin

(Continued on Page 11)

Toxicology Literature Searches

The following are bibliographies compiled by the NLM Toxicology Information Program's Toxicology Information Response Center in Oak Ridge, Tennessee. They may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22151. The bibliographies range from 2 to 10 pages each and are priced at $3 (hard copy) or $0.95 (microfiche). Be sure to use full identifying number and title when ordering (including the designator ORNL-TIP/TIRC before the number).

Report No. ORNL-TIP/TIRC	Title
72-3	Toxicity of Chromium
72-4	Mammalian Toxicity of Purpurin, Quinizarin, Quinalizarin, Diphenylthiocarbazone, and 1,5-Diphenyl-3-thiocarbohydrazide
72-5	Mesityl Oxide: Toxicity and Manufacturing Contaminants
72-6	1,3-Diethylthiourea: Toxicity and Manufacturing Contaminants
72-7	Isophorone: Toxicity and Manufacturing Contaminants
72-8	Toxicity of Dilute Phenols as in Mouthwash
72-9	Toxicity of HCl to Plants and Animals
72-10	Toxicity of Potassium Iodate
72-11	Animal Toxicity of Guthion
72-12	Toxicity of Strobane
72-13	Material For Use by Parents of Handicapped Children
72-14	Bacillus Thuringiensis: Human and Animal Toxicity
72-15	Maximum Allowable Concentrations of Chromium in Potable Water for Humans
72-16	Allergenic Properties of Styrene-Divinyl benzene Copolymers
72-17	Drug Treatments for Geriatric Patients in Nursing Homes
72-18	Aflatoxins: Their Effects on Man and Animals
72-19	Biochemistry of SO_2: Interaction with Body Fluids and Tissues
72-20	Biochemistry of NO and NO_2: Interaction with Body Fluids and Tissues
72-21	Toxic Effects of Heroin and Methadone on Fetuses, Newborn Babies, and Reproductive Systems
72-22	Zearalanol: Effect on Man and Animals
72-23	Chemically Induced Hyperthermia
72-24	Diethylstilbestrol: Biological Effects at Low Dose Levels
72-25	Delayed Effects on Life-Span Studies, Especially Carcinogenesis of Cyclophosphamide
72-26	Toxicity of Organo-Silicon Compounds to Aquatic Life
72-27	Ethoglucid Toxicity in Man and Animals
72-28	Adverse Effects of Microwave Ovens on Artificial Cardiac Pacemakers
72-29	Toxicity of Stannous Chloride to Humans and Animals
72-30	Effect of Trichloroacetonitrile on Aquatic Organisms
72-31	Effect of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. I. General
72-32	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. II. Cyclazocine

(Continued on Page 10)

(Literature Searches, from Page 9)

Report No. ORNL-TIP/TIRC	Title
72-33	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. III. Nalorphine
72-34	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. IV. Levallorphan
72-35	Effect of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. V. Levorphan
72-36	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. VI. Naloxone
72-37	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. VII. Pentazocine
72-38	Effect of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. VIII. Nalbuphine
72-39	Effect of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. IX. Alpha Acetylmethadol
72-40	Effect of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. X. Heroin
72-41	Effects of Narcotics, Narcotic Antagonists, and Narcotic Substitutes on the Mammalian System. XI. Haloperidol
72-43	Toxicity of Oxalic Acid
72-44	Toxicity and Biological Effects of Vanadium in Animals
72-45	Effects of Sodium Nitrite on Hemopoietic and Vascular System of the Mammal
72-46	Possible Human Screening Methods for the Fungicide, Hexachlorobenzene
72-47	Effects of Bromide Ion in Animals (Selected, Recent)
72-48	Toxicology of Diethylaminoethanol
72-49	Animal Toxicology of Coumaphos and Contaminants
72-50	Cross Contamination in Animal Colonies by Watering Devices
72-51	Yttrium Toxicity to Humans
72-52	Diethylpyrocarbonate Toxicology and Pharmacology
72-53	Maximum Safe Levels of Fluorine for Man and Animals
72-54	Toxicity Data for Imido (Imidate) Esters
72-55	Analysis for Arsenic
72-56	Analysis for Selenium
72-57	Toxicity of Phosphines and Derivatives
72-58	Toxicity of Hexachlorocyclopentadiene
72-59	Effect of Pyramidon on Hemopoietic and Vascular System of the Mammal
72-60	Carcinogenicity of Methyl-nitro-nitroso-guanidines
72-61	Toxicology of Isopentylamine and Related Amines
72-62	Toxicity Aspects of Silica or Quartz Particles
72-63	Toxicity of Elemental Phosphorus
72-65	Biological Effects of Titanium
72-66	Toxicity and Uses of Mirex
72-67	Toxicology of the Alcohol, 2-Ethylhexanol
72-68	Mercury Toxicity to Humans

(Continued on Page 11)

(Literature Searches, from Page 10)

Report No. ORNL-TIP/TIRC	Title
72-69	Mammalian Toxicity of Piperonyl Butoxide
72-70	Toxicity of Phthalate Esters
72-71	Toxicity of Butylated Hydroxytoluene
72-72	Physiological Effects on Man and/or Animals of Sulfur Hexafluoride in Breathing Mixture
72-73	Toxicity of Iron
72-74	Toxicity of Tin in Animals
72-75	Toxicity and Biological Effects of Platinum
72-76	Toxicity and Biological Effects of Aluminum in Animals

Specialized Information Services Publications (Available from NTIS)

Accession No.	Title of Publications
ORNL-TIRC-72-2	Toxicity and Health Threats of Phthalate Esters: Review of the Literature, August 1972. John Autian. Price: $5.00/ hard copy.
ORNL-TIRC-72-VBI	Metabolism of Foreign Compounds: An Annotated Bibliography, June 30, 1972. Anthony J. Verbiscar. Price: $5.00/hard copy.
TIRC-1 ORNL-EIS-72-20	Polychlorobiphenyl (PCB) and Related Chlorophenyls: Effects on Health and Environment I. Bibliography....1881-1971, April 1972. Griffith E. Quinby. Price: $5.00/hard copy.
PB-211339	Requirements for Mathematical Models in the Toxicology Information Program. May 1972. Ernest Heilberg and Martin Chase. Price: $.95 (microfiche); $3.00/hard copy.

(Index, from Page 8)

supplying the NLM call number of each ILL request referred to NLM. This will decrease the processing time for each ILL request, thus expediting document delivery in the Regional Medical Library network.

The *Index* is available from the Superintendent of Documents (Price: $13.55, $16.95 foreign; GPO Stock Number: 1752-00142). (Note: This is the correct price; the price quoted on the title page of the *Index* is incorrect.)

Key Word	Full Title	Call No.
FEDERAL	MILK LABORATORIES APPROVED BY FEDERAL AND STATE AGENCIES.	WA 22 AA1 M6
FEDERAL	MONTHLY REPORT OF PHS ACTIVITIES UNDER THE FEDERAL REPORTS ACT AND PHS GENERAL CIRCULATION NO. 41	W2 A P9345M
FEDERAL	NOTICES OF JUDGMENT UNDER THE FEDERAL FOOD DRUG AND COSMETIC ACT. FOODS	WA 32 AA1 U5
FEDERAL	NOTICES OF JUDGMENT UNDER THE FEDERAL FOOD DRUG AND COSMETIC ACT. DRUGS AND DEVICES	WA 32 AA1 U5
FEDERAL	NOTICES OF JUDGMENT UNDER THE FEDERAL HAZARDOUS SUBSTANCES LABELING ACT	W2 A F7N
FEDERAL	PROGRESS REPORT OF PUBLIC HEALTH PROGRAMS PARTICIPATING OF FEDERAL GRANTS	W2 DP8 D4PC
FEDERAL	PROGRESS REPORT OF THE PUBLIC HEALTH PROGRAMS PARTICIPATING OF FEDERAL GRANTS	W2 DP8 D4PC
FEDERAL	REPORT OF THE FEDERAL RADIATION COUNCIL	W1 FE236
FEDERAL	REPORT. ORGANIZATION OF FEDERAL EXECUTIVE DEPARTMENTS AND AGENCIES	JK 421 068
FEDERAL	RETAILERS MANUAL OF FEDERAL AND STATE LAWS REGULATIONS	HF 5429 R437

中华医学杂志
CHINESE MEDICAL JOURNAL No. 1 Jan. 1973

ABSTRACTS OF ARTICLES

Replantation of Severed Limbs and Fingers
Research Laboratory for Replantation of Severed Limbs, Shanghai Sixth People's Hospital, Shanghai . . . 1

Clinicopathologic Correlation of Coronary Heart Disease in the Aged
Department of Cardiology, Peking Hospital, Peking . . . 3

Coronary Atherosclerosis: An Analysis of Clinicopathologic Data in 60 Cases
Departments of Pathology, Capital Hospital and Fu Wai Hospital, Chinese Academy of Medical Sciences, Peking . . . 4

Experience in Emergency Treatment of Acute Myocardial Infarction
Chung Shan Hospital, Shanghai First Medical College, and Shanghai Research Institute of Cardiovascular Diseases, Shanghai . . . 6

Acute Myocardial Infarction Treated With Traditional and Western Medicine
Hua Shan Hospital, Shanghai First Medical College, Shanghai . . . 7

Combined Traditional and Western Medicine in Acute Abdominal Conditions
Nan K'ai Hospital, Tientsin . . . 8

Xeroradiography
Department of Radiology, First Teaching Hospital of Peking Medical College, Peking . . . 9

Laser Coagulation of Retinal Holes
Yang Kuan and Wei Hsüan . . . 10

Roentgenologic Study of Aorto-Arteritis: 1. Analysis of Angiography in 92 Cases
Department of Radiology, Fu Wai Hospital, Chinese Academy of Medical Sciences, Peking . . . 11

The Use of Fibrous Filtering Membrane For Sampling Dust Concentration and Estimating Dust Dispersion
Division of Occupational Health, Institute of Health, Chinese Academy of Medical Sciences, Peking . . . 12

A Quantitative Study of Major Pollutants Emitted From Diesel Engines
Division of Environmental Health, Institute of Health, Chinese Academy of Medical Sciences, Peking . . . 13

Many medical librarians will recognize the page above as one photocopied from a long-absent publication -- the *Chinese Medical Journal*. The last issue received at NLM was March 1966. We have been informed that dealers are now accepting subscription orders. (It is interesting to note that those articles with bibliographies include many English-language citations to material in journals published as recently as 1971 and 1972.)